

CLAIMS

1. A quilting machine including:
a frame to support at least one pair of elongated roller members,
5 the roller members are spaced apart and freely rotating and adapted to support quilting fabric material disposed therebetween and wound around the roller members,
the rotation of the roller members enabling the material to be rolled towards and away from the sewing arm of a sewing machine,
10 sliding track means adapted to support the sewing machine, the track members slidable in a directional plane parallel to and perpendicular to the roller members,
quick release braking means adapted to brake the rotation of the roller members, wherein in use,
15 in co-operation with the sliding track means, and by applying and releasing the braking means, the direction of rotation of the roller members can be controlled and material can be rapidly rolled towards or away from the sewing machine to enable continuous stitching of indefinite length to be sewn in either direction perpendicular to the roller members
20 irrespective of the depth the sewing machine arm as well as in a direction parallel to the roller members without doubling back or braking the stitch line.
2. A quilting machine as claimed in claim 1 wherein the quilting machine is
25 demountable so as to be portable and the components including the roller members, braking means, and the sliding track means are made of a lightweight material such as aluminum or an equivalent lightweight material of suitable strength.
- 30 3. A quilting machine as claimed in claim 1 wherein the quick release braking means comprises disc members at the end of each of the roller member,

said disc members braked by a spring loaded lever operated pivot action brake which applies braking pressure via brake shoes or pads to each disc member.

- 5 4. A quilting machine as claimed in claim 1 wherein the braking means is a hydraulically operated braking system or a cable braking system which applies and releases pressure to the disc members via brake shoes or pads which engage the disc members.
- 10 5. A quilting machine as claimed in claim 1 wherein the quick release braking means comprises disc members at the end of each of the roller members that are braked and released simultaneously.
- 15 6. A quilting machine as claimed in claim 1 wherein the quick release braking means comprises disc members at the end of each of the roller members that are braked and released individually and non simultaneously.
- 20 7. A quilting machine as claimed in claim 1 wherein the quick release braking means comprises disc members at the end of each of the roller members that when braked can still be rotated in at least one direction to enable the fabric material to be accurately tensioned with respect to the roller members.
- 25 8. A quilting machine as claimed in claim 1 wherein the disc members of the braking means have winding handles for the quick rotation of the roller members.
- 30 9. A quilting machine as claimed in claim 1 wherein the sliding track means includes a platform to support a domestic sewing machine having a nylon or other equivalent runners and/or wheels for smooth operation to enable

the sewing machine to be drawn by a user across the roller members and along the length of the roller members.

10. A quilting machine as claimed in claim 1 wherein the sliding track means
5 includes trigger means adapted to operate the sewing machine which is easily assessable to the user.